

| Ref # | Hits | Search Query                             | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L2    | 76   | verification same C same HDL             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/24 09:57 |
| L4    | 144  | (symbolic with C) and (numer\$ with C)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/24 10:07 |
| L5    | 17   | L4 and HDL                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/24 10:07 |
| L8    | 353  | GARBOWSKI.xa.                            | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/01/24 11:45 |
| L9    | 55   | L8 and HDL                               | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/01/24 12:04 |
| L10   | 5    | L9 and (marker or tag)                   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/01/24 11:53 |
| L11   | 2    | L9 and index                             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/01/24 11:55 |
| L12   | 60   | HDL same time same index\$3              | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/01/24 11:56 |
| S1    | 2    | "6077303".pn.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/19 10:02 |
| S2    | 2    | "6757884".pn.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/14 10:49 |
| S3    | 1221 | behavioral and (RTL or HDL)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/13 11:48 |
| S4    | 951  | S3 and (simulat\$ or (design same tool)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/13 11:50 |

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| S5  | 170  | S3 and (behavioral adj model\$)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/13 11:52 |
| S6  | 44   | S3 and (behavioral).ti.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/14 09:29 |
| S7  | 3901 | z with transform   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/14 09:30 |
| S8  | 97   | ("5222030" "5426591" "5493508" "5526277" "5541849"<br>"5544066" "5553002" "5557531" "5572436" "5598344"<br>"5764525" "5812417" "5870308" "5880971" "5910897"<br>"5940779" "6216252" "6216252" "6324678" "6470482"<br>"5933356" "6083269" "5519627" "5537580" "5634115"<br>"5841967" "5867395" "5892682" "5912819" "6026228"<br>"6058492" "6148436" "6182268" "6237007" "6334207"<br>"6397341" "6415420" "6557160" "6601024" "5544067"<br>"5555201" "5623418" "5801958" "5867399" "5504690"<br>"5701443" "6195593" "5572437" "5258919" "5299137").pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/14 09:45 |
| S9  | 102  | ("5404319" "5428550" "5491640" "5557532" "5566079"<br>"5572712" "5638291" "5706205" "5726902" "5841663"<br>"5953236" "5960184" "5966534" "5974245" "6120549"<br>"6233540" "6314553" "6360355" "6438739" "6477689"<br>"6539537" "6581191" "6606734" "6618839" "6687894"<br>"6718520" "6754879" "6823497" "6832363" "4995079"<br>"6044211" "5764534" "5812431" "5859785" "5949992"<br>"6298472" "6477698" "6813201" "4312878" "4931032"<br>"4959922" "5207580" "5310027" "5450057" "5517658"<br>"5725381" "5730086" "5803391" "6047311" "6152081").pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/14 09:46 |
| S10 | 56   | (S8 or S9) and partition\$   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/14 09:46 |
| S11 | 14   | symbolic same expression same transform  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/14 11:15 |
| S12 | 563  | rostoper.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/14 11:16 |
| S13 | 220  | michael.in. and S12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:25 |
| S14 | 0    | partitioning adj2 logic adj2 synthesis   | IBM_TDB   | OR | OFF | 2005/01/14 11:46 |
| S15 | 6    | partitioning same synthesis  | IBM_TDB   | OR | OFF | 2005/01/18 12:28 |

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| S19 | 23   | (partition and (marker or tag or boundry)).ti.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 12:49 |
| S22 | 2    | "6697773".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/14 14:50 |
| S23 | 16   | ("5490266"   "5513118"   "5519627"   "5623418"   "5673198"<br>  "5848236"   "5870608"   "5920711"   "5937190"   "5991533"<br>  "6044211"   "6173241"   "6212650"   "6269467"   "6317860"<br>  "6421808").PN. OR ("6697773").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/01/14 15:08 |
| S24 | 47   | partition\$ adj behavioral  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/01/14 15:09 |
| S25 | 1083 | Synopsys  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 10:48 |
| S26 | 160  | S25 and partition   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:16 |
| S27 | 10   | S25 and partition\$.ti.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 10:49 |
| S30 | 4    | "numeric C Code"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 12:43 |
| S31 | 8    | ("5105373" "5404319" "5408638" "5410719").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 12:44 |
| S32 | 49   | (partition\$3 and (marker\$3 or tag\$3)).ti.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 12:53 |
| S33 | 23   | (partition and (marker or tag or boundry)).ti.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 12:58 |

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| S34 | 26   | S32 not S33                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 12:53 |
| S35 | 2    | "5764525".pn.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 12:59 |
| S37 | 1083 | Synopsys                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 13:39 |
| S38 | 160  | S37 and partition                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 13:39 |
| S39 | 28   | S38 and (behavioral same partition)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 13:44 |
| S42 | 20   | 07/507,201                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 13:46 |
| S43 | 2    | "5222030".pn.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 18:21 |
| S45 | 111  | (S38 and behavior\$)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:22 |
| S46 | 563  | rostoker.in.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:26 |
| S47 | 220  | michael.in. and S46                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:26 |
| S49 | 9    | S47 and (partition\$3 same behaviorA\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/21 09:49 |

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| S50 | 4    | ("6134705" "6745375").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 18:31 |
| S51 | 2    | ("6757884").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 18:31 |
| S52 | 48   | verification same RTL same C  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 10:04 |
| S54 | 13   | verification same RTL same (C with model)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 10:05 |
| S55 | 95   | HDL and (verification same (C with model))                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 10:07 |
| S56 | 144  | (symbolic with C) and (numer\$ with C)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/24 10:06 |
| S57 | 46   | S56 and (verification or verify or debug\$)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 11:42 |
| S58 | 2553 | (functional\$ with (verification or verify)) and (HDL or RTL or hardware) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 11:43 |
| S59 | 602  | (functional\$ with (verification or verify)) and (HDL or RTL)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 13:15 |
| S60 | 3    | S59 and S56   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 11:44 |
| S61 | 3    | behavioral same symbolic adj equation\$                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 13:16 |

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| S62 | 76  | behavioral same symbolic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 13:16 |
| S63 | 73  | S62 not S61   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 13:16 |
| S65 | 18  | (US-20040167764-\$ or US-20040111692-\$).did. or<br>(US-5544067-\$ or US-6745160-\$ or US-5933356-\$ or<br>US-6026219-\$ or US-6424962-\$ or US-5557531-\$ or<br>US-5222030-\$ or US-5541849-\$ or US-5544066-\$ or<br>US-5572437-\$ or US-5867399-\$ or US-5870308-\$ or<br>US-6477698-\$ or US-5526277-\$ or US-6470482-\$).did. or<br>(US-20040064794-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                    | OR | OFF | 2005/01/19 13:18 |
| S66 | 579 | behavioral and symbolic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 13:19 |
| S68 | 13  | S66 and S65   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 13:18 |
| S69 | 12  | S62 and S65   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 13:19 |
| S70 | 563 | rostoker.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/21 09:49 |
| S71 | 220 | michael.in. and S70   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/21 09:49 |
| S72 | 9   | S71 and (partition\$3 same behaviorA\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/21 09:49 |
| S73 | 9   | S72 and (theorem adj prover)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/21 09:50 |
| S74 | 54  | hdl same count same time  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/01/24 11:45 |

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| S76 | 10 | ("20020083420"   "20020161564"   "4760330"   "5974241"   "6134516"   "6339837"   "6389379"   "6487704"   "6498999"   "6513143").PN. OR ("6701494").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/01/21 15:57 |
|-----|----|--|------------------------------|----|-----|------------------|